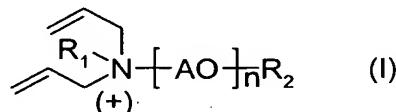


We claim:-

1. A water-soluble or water-dispersible polymer comprising
  - 5 (a) at least one alkoxylated diallylamine derivative (monomer A),  
(b) at least one ethylenically unsaturated mono- or dicarboxylic acid, the anhydrides thereof or mixtures thereof (monomer B) and  
(c) if required, one or more further ethylenically unsaturated monomers C.
- 10 2. A polymer as claimed in claim 1, wherein at least one compound of the formula I



where

15 AO is a C<sub>1</sub>-C<sub>12</sub>-alkylene oxide, styrene oxide or a mixture of two or more types thereof, it being possible for the two or more types to be attached to one another in block form or in random form,

20 n is an integer from 2 to 200

R<sub>1</sub> is hydrogen, C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>5</sub>-C<sub>10</sub>-cycloalkyl or an unsubstituted or substituted benzyl radical and

R<sub>2</sub> is hydrogen, C<sub>1</sub>-C<sub>30</sub>-alkyl, C<sub>5</sub>-C<sub>8</sub>-cycloalkyl, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>1</sub>-C<sub>30</sub>-alkanoyl, C<sub>7</sub>-C<sub>21</sub>-aroyl, a sulfuric(mono) ester, a phosphoric ester, NR'R'' or NR'R''R'''<sup>3+</sup> and

25 R', R'' and R''', in each case independently of one another, may be identical or different and are hydrogen, a straight-chain or branched C<sub>1</sub>-C<sub>20</sub>-alkyl radical or a straight-chain or branched C<sub>1</sub>-C<sub>20</sub>-hydroxyalkyl radical,

is used as monomer A.

30 3. A polymer as claimed in claim 1, wherein at least one compound of the formula II or the anhydrides thereof



35

where

$R_4$  and  $R_5$ , independently of one another, may be either identical or different and are hydrogen or  $C_1$ - $C_6$ -alkyl,

$R_6$  is hydrogen,  $C_1$ - $C_6$ -alkyl or a  $COOM$  group and

5 M is hydrogen, a monovalent or divalent metal ion, ammonium or an organic ammonium ion,

is or are used as monomer B.

10 4. A polymer as claimed in any of claims 1 to 3, wherein the molar ratio of the monomers A to the monomers B is from 1 : 1 to 1 : 6.

5. A polymer as claimed in any of claims 1 to 4, wherein the molar ratio of the monomers A to the monomers B is from 1 : 2 to 1 : 5.

15 6. A polymer as claimed in any of claims 1 to 5, wherein the weight average molecular weight  $M_w$  of the polymers is from 1000 to 100 000.

7. A polymer as claimed in any of claims 1 to 6, which has a K value of from 20 to  
20 50.

8. A polymer as claimed in any of claims 1 to 7, obtainable by free radical polymerization of the monomers A with monomers B and, if required, further monomers C.

25 9. The use of a polymer as claimed in any of claims 1 to 8 as an additive in mineral building materials, in detergents or in cosmetic compositions.

10. The use of a polymer as claimed in claim 9 as an additive in mineral building materials.

30 11. The use as claimed in either of claims 9 and 10, the monomer mixture to be polymerized containing

1-70 mol% of monomer A,

35 10-99 mol% of monomer B and  
0-50 mol% of monomer C.

12. A cement dispersant comprising at least one polymer as claimed in any of claims 1 to 8.

13. A mineral building material comprising cement, water, at least one polymer as claimed in any of claims 1 to 8 and further conventional additives.